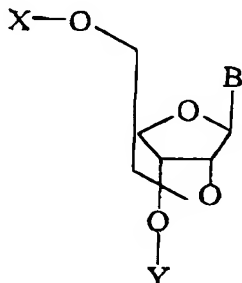


IN THE CLAIMS

Claim 1. (Original) A nucleoside analogue of the following formula (I):



(I)

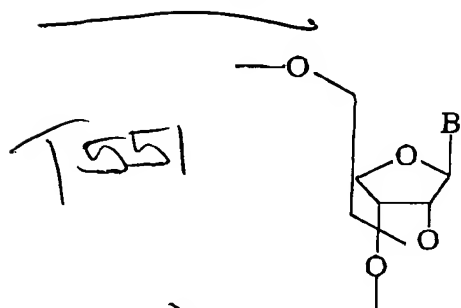
where B is an analogue of pyrimidine or purine nucleic acid base, and X and Y are identical or different, and each represents a hydrogen atom, an alkyl group, an alkenyl group an alkynyl group, a cycloalkyl group, an aralkyl group, an aryl group, an acyl group, or a silyl group or an amidite derivative.

Claim 2. (Original) A nucleoside analogue as claimed in claim 1, wherein X and Y each represents a hydrogen atom.

Claim 3. (Currently amended) A mononucleoside amidite derivative as claimed in claim 1, wherein X is 4,4-dimethoxytrityl (DMTr), and Y is a 2-

~~cyanoethoxy(diisopropylamino)-phosphano group~~

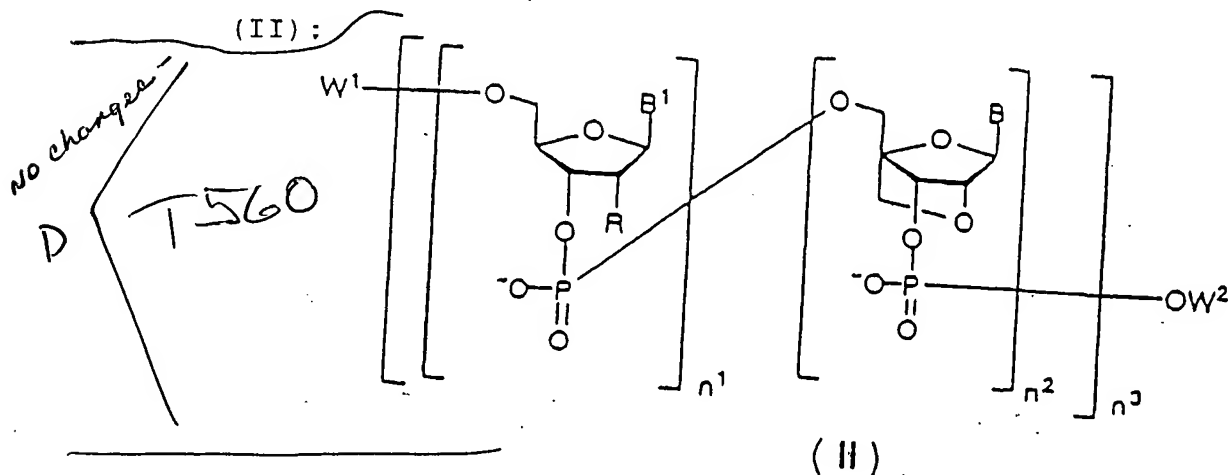
Claim 4. (Currently amended) An
oligonucleotide or polynucleotide analogue having one or
more structures of the formula (Ia):



where B is an analogue of a pyrimidine or purine nucleic
acid base.

Claim 5. (Currently amended) An

oligonucleotide or polynucleotide analogue of the formula



where B_1 - B^1 and B are identical or different, and each
represents an analogue of pyrimidine or purine nucleic
acid base, R is a hydrogen atom, a hydroxyl groups, a
halogen atom, or an alkoxy group,

B

Ans D 4/19 B (cancel)

$W1 \dots W^1$ and $W2 \dots W^2$ are identical or different, and each represents a hydrogen atom, an alkyl group, an alkenyl group, an alkynyl group, a cycloalkyl group, an aralkyl group, an aryl group, an acyl group, a silyl group, a phosphoric acid residue, a naturally occurring nucleoside or a synthetic nucleoside bound via a phosphodiester bond, or an oligonucleotide or polynucleotide containing the nucleotide, $n1 \dots n^1$ or $n2 \dots n^2$ are identical or different, and each denotes an integer of 0 to 50, provided that $n1 \dots n^1$ and $n2 \dots n^2$ are not both zero, and that not all of the $n2 \dots n^2$ are zero at the same time, ~~$n3 \dots n^3$ denotes an integer of 1 to 50, provided that when $n1 \dots n^1$ and/or $n2 \dots n^2$ are or is 2 or more, $B1 \dots B^1$ and $B2 \dots B^2$ need not be identical, and R need not be identical.~~

D

Claim 6. (Currently amended) The nucleoside analogue according to claim 1 wherein the amidite derivative is ~~phosphoramidite~~ phosphoramidite.

Claims 7-8. (Cancelled)